5. PAPER RECEIVING AREA

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[Adjustment Procedures]

1. Position of Separator

– Procedure –

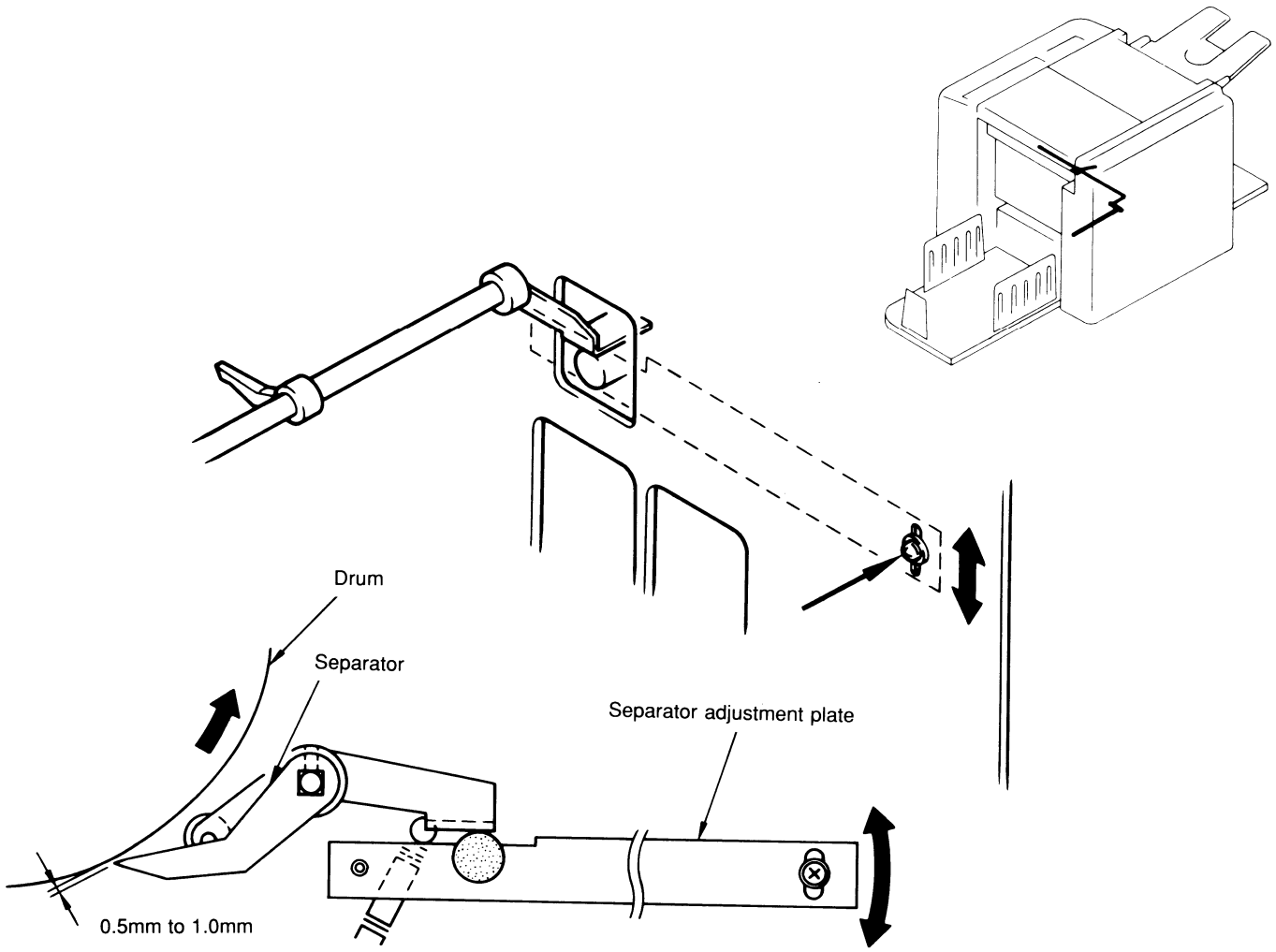
1) Loosen the mounting screw on the Separator adjustment plate and move the adjustment plate so that the distance from the tip of the Separator to the surface of the Drum is **0.5mm to 1.0mm**. (No part of the Separator tip should contact the Drum.)
2) Tighten the mounting screw of the Separator adjustment plate.

– Check –

- Perform printing and check that a printed paper is separated from the Drum when the paper has a **10-mm margin** at the top of the printed copy and that there are no separator tip marks in the center of the printed paper.

– Results of Misadjustment –

1) If the tip of the Separator is set too close to the Drum or in contact with the Drum; ➡
it will scratch the surface of the master, creating black lines in the center of the printed paper or will damage the screens.
2) If the tip of the Separator is set too far from the Drum; ➡
it cannot separate the paper from the Drum, causing paper jams.

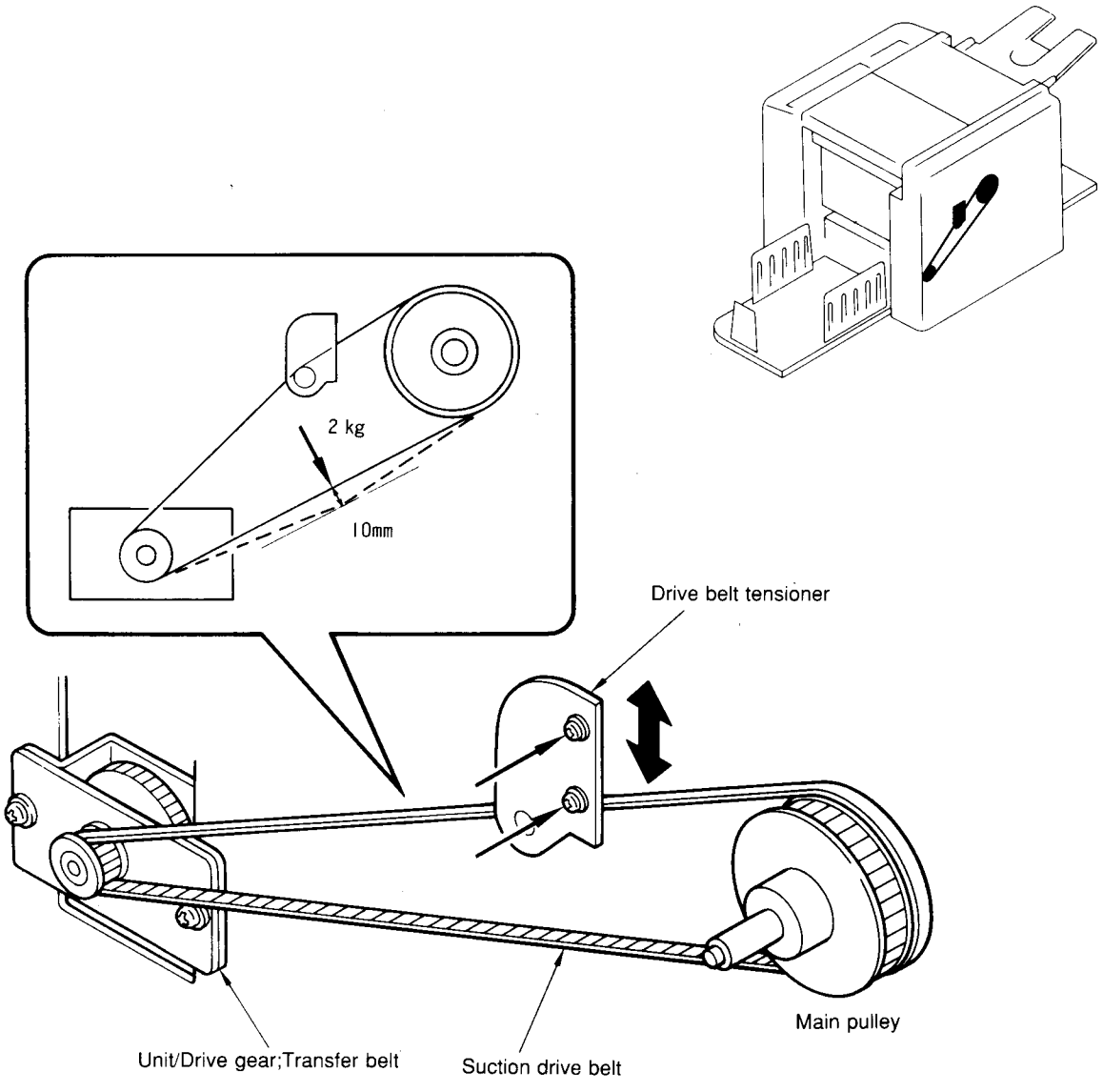


2. Tension of Suction Drive Belt

– Check & Adjustment –

1) Remove the Back cover and check the tension of the Suction drive belt.
   The tension should read **2 kg** on the tension gauge when pushing the tension gauge down **10mm** in the middle of the belt.
2) If the tension is incorrect, loosen the two mounting screws on the Drive belt tensioner and adjust the tensioner for proper tension.

Note: After adjusting the Drive belt tensioner, check the gear alignment with the gear pulley of the Suction unit.

– Results of Misadjustment –

1) If the tension is not adjusted correctly; ➡
   the belt rotation may cause vibration and/or noise, which could result in paper jams due to improper paper transportation in the paper receiving area and damage to the gears and belts.